



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: **Yu, et al.**

Application Number: 09/589,285

Group Art Unit: 1647

Filed: June 8, 2000

Examiner: Bunner, B.

Title: **Methods of Treatment of Immune System Related Disorders Using Neutrokinin-alpha (as amended)**

Atty. Docket No. PF343P3C4

**AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.11**

Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

In response to the Official Action mailed October 22, 2003 (Paper No. 17),  
Applicants request that the following amendments and remarks be entered into the above-  
identified application. Applicants submit concurrently herewith:

- (a) Copies of 22 sheets of Formal Drawings containing Figures 1A-B, 2A-D, 3, 4A-C, 5A-B, 7A-1-A-2 and 7B, 8A-C, 9A-B, 10A-G and 11A-F originally submitted to the United States Patent and Trademark Office (USPTO) on July 28, 2000 with copy of the date-stamped return receipt postcard indicating items submitted to the USPTO on July 28, 2000 in the present application; and
- (b) Fee Transmittal Sheet.

Amendments to the Specification begin on page 2.

Amendments to the Claims begin on page 4.

Remarks begin on page 21.

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 0.00)

Complete if Known	
Application Number	09/589,285
Filing Date	June 8, 2000
First Named Inventor	Guo-Liang Yu
Examiner Name	B. E. Bunner
Art Unit	1647
Attorney Docket No.	PF343P3C4

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None

Deposit Account:

Deposit Account Number 08-3425

Deposit Account Name Human Genome Sciences, Inc.

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments

Charge any additional fee(s) or any underpayment of fee(s)

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1001	770	2001	385
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80
<b>SUBTOTAL (1)</b>		(\$)	0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	132	-277** =	0.00
Independent Claims	22	-24** =	0.00
Multiple Dependent			

Large Entity	Small Entity	Fee Description
Fee Code	Fee (\$)	Fee Code
1202	18	2202 9 Claims in excess of 20
1201	86	2201 43 Independent claims in excess of 3
1203	290	2203 145 Multiple dependent claim, if not paid
1204	86	2204 43 ** Reissue independent claims over original patent
1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		(\$ 0.00)

\*\* or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)			
<b>3. ADDITIONAL FEES</b>			
Large Entity	Small Entity		
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65 Surcharge - late filing fee or oath
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet.
1053	130	1053	130 Non-English specification
1812	2,520	1812	2,520 For filing a request for ex parte reexamination
1804	920*	1804	920* Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840* Requesting publication of SIR after Examiner action
1251	110	2251	55 Extension for reply within first month
1252	420	2252	210 Extension for reply within second month
1253	950	2253	475 Extension for reply within third month
1254	1,480	2254	740 Extension for reply within fourth month
1255	2,010	2255	1,005 Extension for reply within fifth month
1401	330	2401	165 Notice of Appeal
1402	330	2402	165 Filing a brief in support of an appeal
1403	290	2403	145 Request for oral hearing
1451	1,510	1451	1,510 Petition to institute a public use proceeding
1452	110	2452	55 Petition to revive - unavoidable
1453	1,330	2453	665 Petition to revive - unintentional
1501	1,330	2501	665 Utility issue fee (or reissue)
1502	480	2502	240 Design issue fee
1503	640	2503	320 Plant issue fee
1460	130	1460	130 Petitions to the Commissioner
1807	50	1807	50 Processing fee under 37 CFR 1.17(q)
1806	180	1806	180 Submission of Information Disclosure Stmt
8021	40	8021	40 Recording each patent assignment per property (times number of properties)
1809	770	2809	385 Filing a submission after final rejection (37 CFR 1.129(a))
1810	770	2810	385 For each additional invention to be examined (37 CFR 1.129(b))
1801	770	2801	385 Request for Continued Examination (RCE)
1802	900	1802	900 Request for expedited examination of a design application
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
<b>SUBTOTAL (3)</b>			
(\$ 0.00)			

(Complete if applicable)	
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Date	January 22, 2004

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